

19971202.qrp v00_n927.qrs.971202

Date: Tue, 2 Dec 1997 19:17:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 927

QRP-L Digest 927

Topics covered in this issue include:

- 1) [31694] QRP-L CQWW CW Scores
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 2) [31695] Vertical
by Tony <tdavee@iglobal.net>
- 3) [31696] Re: FS: TT Step Attenuator
by KB8UMD <KB8UMD@aol.com>
- 4) [31697] NorCal's December Meeting Announcement
by Jerry Parker <jparker@fix.net>
- 5) [31698] What is all the RTTY activity around 7.040?
by Kory Hamzeh <kory@avatar.com>
- 6) [31699] Re: Grounding Question
by K5BDZ@aol.com
- 7) [31700] Altiods SWL Rx info
by Steven Weber <kd1jv@moose.ncia.net>
- 8) [31701] Minnesota QRP Society meets this Saturday!
by "Claton Cadmus" <aplitech@Spacestar.Net>
- 9) [31702] Re: What is all the RTTY activity around 7.040?
by george fremin iii <geoiii@bga.com>
- 10) [31703] FS: even more enclosures
by K5BDZ@aol.com
- 11) [31704] K8DD/C6A/QRP on 7037.3 @ 0400 12/2/97
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 12) [31705] Novice/Tech fox report for December 1
by "Johnson" <johns516@maroon.tc.umn.edu>
- 13) [31706] CQ WW
by flydnq7x@primenet.com (Floyd Smithberg)
- 14) [31707] MFJ QFRP rigs
by Addi Pittman <cornea@vsta.com>
- 15) [31708] RE: Grounding Question
by "Brunner, David" <David.Brunner@Den.Galileo.com>
- 16) [31709] Re: Novice/Tech fox report for December 1
by "Steve Hurst" <shurst@magiclink.com>
- 17) [31710] CQWW CW Results from VA3JFF
by "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>
- 18) [31711] Tnx for SP QSO's
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [31712] Help with QRP logos

- by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 20) [31713] VMC: FANUC'ed again!/38S Box Progress!!
by doug hauff <slmachco@fix.net>
- 21) [31714] Re: DSP recommendations
by Leon Heller <leon@lfheller.demon.co.uk>
- 22) [31715] Re: "Suggestions for window feed-throughs?"
by Leon Heller <leon@lfheller.demon.co.uk>
- 23) [31716] Re: N/T+ Foxhunt of 01 DEC 0200-0400 UTC
by Monte Stark <ku7y@sage.dri.edu>
- 24) [31717] My 1st 49er QSO, OH to OR
by "Edwin E. Albert" <ted.albert@worldnet.att.net>
- 25) [31718] Muting Switch for Ten-Tec 1056 DC Receiver
by "Edwin E. Albert" <ted.albert@worldnet.att.net>
- 26) [31719] Re: Need a regen schema
by "Daniel L. Evans" <dlevans@hsonline.net>
- 27) [31720] Re: What is all the RTTY activity around 7.040?
by Werner Jochem <Werner.Jochem@hoexter.netsurf.de>
- 28) [31721] DC Wed-Fri
by Niel Skousen <nskousen@scientech.com>
- 29) [31722] keyer
by charlie <crc@io.com>
- 30) [31723] Compuserve mail
by Thomas J McCuen <TMcCuen@compuserve.com>
- 31) [31724] Re:38s sideband supression Thanks!
by "William F. Nicolson Jr" <n2wf@erols.com>
- 32) [31725] Kanga and ARRL statistic
by Jack Bryant <Jack.Bryant@math.tamu.edu>
- 33) [31726] KL Net 11/30/97
by Randy Hargenrader <randyh@harksystems.com>
- 34) [31727] RE: MFJ QRP Rigs
by Philip Karras 827-2956 <PXX4@CDRH.FDA.GOV>
- 35) [31728] QRP TTF Contest Exchange
by Bill Jones <kd7s@psnw.com>
- 36) [31729] Re: QRP TTF Contest Exchange
by Ed Loranger <we6w@qsl.net>
- 37) [31730] Re: Kanga and ARRL statistic
by Brian Kassel <bkassel@dancris.com>
- 38) [31731] Antenna suggestions for low power on 40 meters.
by George Cortez <10eim6294cni@internetMCI.COM>
- 39) [31732] FS: QRP++
by Bill Acito 02-Dec-1997 1145 <acito@asdg.ENET.dec.com>
- 40) [31733] Re: Antenna suggestions for low power on 40 meters.
by Ed Loranger <we6w@qsl.net>
- 41) [31734] MFJ Review
by Paul Harden <pharden@aoc.nrao.edu>
- 42) [31735] Re: QRP TTF Contest Exchange
by Joe Gervais <vole@primenet.com>
- 43) [31736] New to QRP-L;Various QRP Comments and Questions.

- by "Randy Jouett" <rjouett@hotmail.com>
- 44) [31737] Re: Kanga US group hug and a question on a multimeter
by Conway Yee <cyee@bidmc.harvard.edu>
- 45) [31738] FS MFJ 40M QRP Rig
by "Howard M. Sherer" <howardsh@ptdprolog.net>
- 46) [31739] FS Ten Tec Tuner #943
by "Howard M. Sherer" <howardsh@ptdprolog.net>
- 47) [31740] Toroids
by sarraf@thermacore.com
- 48) [31741] Re: Kanga US group hug and a question on a multimeter
by Ed Tanton <n4xy@bellsouth.net>
- 49) [31742] Re: Antenna suggestions for low power on 40 meters.
by "Kevin Muenzler - WB5RUE" <wb5rue@stic.net>
- 50) [31743] First Time on Spartn Sprint
by Steve Galchutt <n0tu@webaccess.net>
- 51) [31744] Dan's Centenal
by "Jeff M. Gold" <jmg@tntech.edu>
- 52) [31745] DEC. ARS SPRINT!
by Ed Loranger <we6w@qsl.net>
- 53) [31746] Re: DEC. ARS SPRINT!
by Ed Loranger <we6w@qsl.net>
- 54) [31747] Not QRP, but...
by "Emory R. Schley" <ERSchley@worldnet.att.net>
- 55) [31748] email Probs for me.
by Ed Loranger <we6w@qsl.net>
- 56) [31749] December Spartan Sprint Log
by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
- 57) [31750] Dayton QRP Banquet Announcement!!!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 58) [31751] Re: MFJ Review
by Vic Rosenthal <rakefet@rakefet.com>
- 59) [31752] Re: Antenna suggestions for low power on 40 meters.
by Vic Rosenthal <rakefet@rakefet.com>
- 60) [31753] More on Altiods SWL Rx
by Steven Weber <kd1jv@moose.ncia.net>
- 61) [31754] Re: New to QRP-L;Various QRP Comments and Questions.
by "Randy Jouett" <rjouett@hotmail.com>
- 62) [31755] KC-2 transmit inhibit on a Sierra?
by "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
- 63) [31756] Re: New to QRP-L;Various QRP Comments and Questions.
by "Randy Jouett" <rjouett@hotmail.com>
- 64) [31757] Re: Dayton QRP Banquet Announcementcat sig/sig1!
by Joe Gervais <vole@primenet.com>
- 65) [31758] NOUR Fox
by n4js@pobox.com
- 66) [31759] Re: New to QRP-L;Various QRP Comments and Questions.
by "Randy Jouett" <rjouett@hotmail.com>

Date: Tue, 02 Dec 1997 00:42:25 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-1@Lehigh.EDU
Subject: [31694] QRP-L CQWW CW Scores
Message-ID: <3.0.16.19971202004038.1f876628@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Looks like the scores are starting to roll in from CQ Worldwide
CW. So...

If you're a qrp-1 member and operated qrp in the
CQ Worldwide CW contest, send me a note with your claimed
score, number of qso's and zones, and I'll put together a list.
Please indicate whether or not it was multi-op also.

IMPORTANT:

In the Subject: line, put QRPLWW, followed by your call, so
my mail filter will sort it out for me.

Let's see those scores!

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Mon, 1 Dec 1997 18:52:20 -0600
From: Tony <tdavee@iglobal.net>
To: qrp-1@Lehigh.EDU
Subject: [31695] Vertical
Message-ID: <19971202005218859.AAA188@lubb2-26.iglobal.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If this has already been covered recently I apologize
for asking again. I am wondering if anyone on the list
uses the GAP Eagle DX antenna and if so how is it
performing. I am space limited and currently using
a Carolina Windom, which really doesn't fit in my yard

without bending the ends significantly. I can work with it some and probably get it to work, but a vertical sounds good with such a small footprint. Sterba spoke highly of the Eagle DX so I would like to hear from you if you are using or have used this antenna. Thanks

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-----  
| Tony Davee  KM5JH  <=><  ARRL VE  |  
| QRP-L #1312                                     |  
| Lubbock, TX                                     |  
| Alinco DX70T - Carolina Windom                 |  
| Introduce a Friend to Amateur Radio           |  
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-----  
  
Date: Mon, 1 Dec 1997 21:37:25 EST  
From: KB8UMD <KB8UMD@aol.com>  
To: qrp-l@Lehigh.EDU  
Subject: [31696] Re: FS: TT Step Attenuator  
Message-ID: <f8de2221.34837467@aol.com>  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit
```

The attenuator has sold. Thank you for all the replies.

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Date: Mon, 01 Dec 1997 19:16:06 -0800  
From: Jerry Parker <jparker@fix.net>  
To: qrp-l@Lehigh.EDU  
Subject: [31697] NorCal's December Meeting Announcement  
Message-ID: <2.2.32.19971202031606.00d189e8@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"
```

QRPers, the December meeting of the NorCal QRP Club will be held as usual Sunday December 7th at the California Burger Restaurant, located off the Santa Rita Exit of I580 West of Livermore and East of Pleasanton. The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping center.

The California Burger is in the SouthWest corner of the shopping center.
Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right.
You will come to a traffic light. Go straight across the street, and you
will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of
the other meetings you go to. It starts about 10:30 and ends about 1:30 or
so. No rules, no minutes, no new business, no old business, just a get
together of QRPers who want to meet and share QRP information with others of
like interests. Our meeting is entirely social, and those who attend always
seem to enjoy themselves. If you come, bring along your latest project to
share with the rest of us, we want to see and admire it, probably steal a
couple of your ideas in our next project, but we will have fun!

72,

Doug, KI6DS
ki6ds@telis.org

Date: Mon, 01 Dec 1997 19:14:10 -0700
From: Kory Hamzeh <kory@avatar.com>
To: qrp-1@Lehigh.EDU
Subject: [31698] What is all the RTTY activity around 7.040?
Message-ID: <3.0.5.32.19971201191410.00857730@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There seems to be alot of digital RTTY type modes around 7.040 tonight.
What's going on? Also, I noticed in the latest issue of QST, on page
101, it lists 7.040 as the RTTY DX calling frequency. Is this new?

Kory
AC6RN

Date: Mon, 1 Dec 1997 22:25:04 -0500 (EST)
From: K5BDZ@aol.com
To: kreinbd@ccgate.dl.nec.com, qrp-1@Lehigh.EDU
Subject: [31699] Re: Grounding Question
Message-ID: <971201222504_-1842108553@mrin45.mail.aol.com>

Dave NR3E
you're smart to ground it.
Lightening hit my R5 and blew up the plastic box with the matching circuitry.
Found pieces of it 100 feet in every direction.
Bill, K5BDZ

Date: Mon, 01 Dec 1997 21:39:50
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [31700] Altiods SWL Rx info
Message-ID: <3.0.1.16.19971201213950.305715ac@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

More than a couple of people have already asked for details on the Short Wave AM radio that fits in a tin. I just finished a nice schematic with Circad. If you would like a copy, along with the pcb artwork and some construction text, send a SASE (buisness sized) to me and I'll send ya a copy.

Steve Weber KD1JV
633 Champlain St
Berlin, NH 03570

Normally, I give out my PO box number just so I find something other than junk mail in it, but the above address will be quicker.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 1 Dec 1997 21:20:33 -0600

From: "Claton Cadmus" <aplitech@Spacestar.Net>
To: "QRP-1" <qrp-1@Lehigh.EDU>, "MNQRP" <mnqrp@qth.net>
Subject: [31701] Minnesota QRP Society meets this Saturday!
Message-ID: <199712020328.VAA15438@webster.spacestar.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The Minnesota QRP Society meets this coming Saturday. The meeting will be at 1:30pm December 6th located at the Minnetonka Community Center. Lot's of stuff on the agenda and a program on Ni-Cads and Gel Cell charging and scrounging. Batteries are free if you know where to look!

Directions to the Center:

Exit 494 at Minnetonka Blvd. (just south of 394) and go west to Williston Road (less then 1/4 mile) and turn right(north). The Community Center is the first building on your right. Plenty of parking right there. If you need talk in, we will have someone on the 145.45 repeater.

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
If you live in Minnesota check out this webpage!
<http://www.qsl.net/mnqrp>

Date: Mon, 1 Dec 1997 21:33:24 -0600 (CST)
From: george fremin iii <geoiiii@bga.com>
To: kory@avatar.com
Cc: qrp-1@Lehigh.EDU
Subject: [31702] Re: What is all the RTTY activity around 7.040?
Message-ID: <199712020333.VAA17242@zoom.bga.com>
Content-Type: text

Kory Hamzeh writes:

>

>There seems to be alot of digital RTTY type modes around 7.040 tonight.
>What's going on? Also, I noticed in the latest issue of QST, on page
>101, it lists 7.040 as the RTTY DX calling frequency. Is this new?

Most of the world's 40m band is 7.000 to 7.100 - as you can see this is a VERY small space to fit all the modes.
So - as a result the RTTY stuff for them happens around 7.040.

SSB above that and CW below. Of course not all countries are the same - so it is kind of a mixed up mess.

This is one of the big reasons why there is talk of extending the band below 7.0 as it would give most of the world more room and ease the crowding.

--

George Fremin III
Austin, Texas C.K.U. "Eight is enough."
K5TR
512/416-7010
geoiiii@bga.com
<http://www.kkn.net/~k5tr>

Date: Mon, 1 Dec 1997 22:42:34 -0500 (EST)
From: K5BDZ@aol.com
To: K5BDZ@aol.com, qrp-1@Lehigh.EDU
Subject: [31703] FS: even more enclosures
Message-ID: <971201224234_-52515978@mrin42.mail.aol.com>

For sale:

Just found another box of dressy type aluminum enclosures specially made from .050 Ga aluminum 5052 H32 alloy with reinforced front and rear panels (clamshell?).

Qty 20 blank enclosures measuring 1 1/16"H x 3 1/2"W x 3"D

Qty 15 enclosures measuring 1 1/16"H x 3 1/2"W x 3"D with stamped holes for RF sensors (both voltage and current units). Each enclosure has two S0239 coax connector mounting holes, one each in opposite sides of bottom, as well as a 1/4" hole in middle of top.

In addition to their design usage, I have used these for the following:

- 1) QRP antenna tuner w/plastic var caps (one each for 30 meters, 40 meters, and 20 meters) I like single band units to go with my single band QRP rigs.
- 2) SWR/Power meter
- 3) Outdoor / indoor Balun housing for open wire line to coax
- 4) active antenna preamp / rod antenna enclosure

Take your pick at \$4.00 ea plus shipping (\$4.00 shipping total for 1 up to 10 units.)

Still have about 3 GelCell charger enclosures left (\$7 ea) and still have some Backpacker I enclosures left (\$10 ea.) plus shipping. Measurements on earlier posts.

Thanks
Bill, K5BDZ
k5bdz@aol.com

Date: Mon, 01 Dec 1997 23:03:25
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [31704] K8DD/C6A/QRP on 7037.3 @ 0400 12/2/97
Message-ID: <3.0.3.16.19971201230325.3717419e@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

He is on now.....good 589 sig into SC

=====
72/73 de W2UX QRP-ARCI
Gary McCaughey QRP-L
Lexington, SC CQC
CW is the REAL THING!
Use it....or lose it.
=====

Date: Mon, 1 Dec 1997 22:01:40 -0600
From: "Johnson" <johns516@maroon.tc.umn.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [31705] Novice/Tech fox report for December 1
Message-ID: <348388a423ac671@mhub2.tc.umn.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi. Here is my Novice/Tech fox report from Sunday night (December 1 UTC).

NUMBER	TIME	CALL	NAME	ST	RST SENT / RCVD
-----	-----	-----	-----	--	-----
1	0101	WORW	PAUL	C0	579 / 599

2	0104	KB4EXW	WATSON	NC	579 / 559
3	0107	KB7MBI	ALAN	WA	579 / 579
4	0111	N4ROA	DAN	VA	579 / 559
5	0113	KU7Y	RON	NV	579 / 579
6	0115	NI0A	JOHN	MN	579 / 569
7	0118	KJ3V	LYNN	WV	569 / 579
8	0125	KA7NOC	STEVE	ID	449 / 339
9	0133	KC7GHH	STEVE	CO	559 / 499
10	0147	K50I	TIM	NM	559 / 559
11	0151	W5HNS	HENRY	TX	559 / 559
12	0155	WA1QVM	JOEL	MA	579 / 569
13	0201	N3XRV	CHRIS	MD	559 / 449
14	0203	N1QQV	KEN	CT	569 / 339
15	0232	W9UQB	MIKE	AZ	449 / 559
16	0241	KJ7ZU	ROY	WA	559 / 559
17	0255	KI7JL	LARRY	WA	559 / 339

I was on 7.139 MHz. Things were going good until 0205 UTC. Then, it was just like a light switch was turned on with broadcast interference. I looked around for a clearer frequency, but the interference was everywhere, so I just stayed and kept calling CQ. Finally got 3 more contacts.

Thanks to everyone.

Tim, KB0VRV
(age 12)

Date: Mon, 01 Dec 1997 21:27:15 -0700
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-1@Lehigh.EDU
Subject: [31706] CQ WW
Message-ID: <199712020435.VAA01249@smtp02.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After 17.5 hours...and operating S&P only this Lil Pistol had the following modest results:

Band	QSOs	Points	Countries	Zones
20cw	15	39	9	7
15cw	62	164	35	18
10cw	18	48	12	8

95 251 56 33
Score= 251 x (56 + 33) = 22,339
Picked up nine new ones including some nice ones like BY1QS, DU3RCM,
IS9/OL5Y, TF3IRA,
RZ1Z, ZM2K etc. Heard but couldn't work some other goodies like 4G1AQ,
YB30SE, BV7FF, JT1T?. Briefly tried 40M sat nite after 20M folded but it was
bedlam so gave that up.
Contacts seemed much harder to make than in the SS but it was another chance
to work
on code speed (there were a few I never did get their call) and learning to
use TR-LOG contesting software.
Gear used: TS850 w/400Hz filter, NIR-12, HB tunable Scaf, CMOSIII...5W output.
Computer: Pentium w/ TR-LOG v.6.17 contesting software.
Antenna: HyGain Explorer 3 element Triband at 45'.

73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=103

Date: Mon, 1 Dec 1997 22:28:09 -0600 (CST)
From: Addi Pittman <cornea@vsta.com>
To: qrp-l@Lehigh.EDU
Subject: [31707] MFJ QFRP rigs
Message-ID: <199712020428.WAA27311@rivendell.vsta.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Mike Martin, I own a MFJ 9030 and 9040. I have had these rigs for
three years and really do reccomend them as dependable rigs. I have taken
mine backpacking in some pretty rough areas and they have survived quite
well. I did modify both rigs to have a variable output as they were not easy
to decrease the output on without opening the rig and I often did not wish
to run the full 5 watts on 40 and 3 watts on 30. I run my rigs on a cell
phone batt. and they have given me lots of pleasure.

Merry Christmas, Bob KC5HLO

Date: Mon, 1 Dec 1997 21:33:53 -0700
From: "Brunner, David" <David.Brunner@Den.Galileo.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>,
"'kreinbd@ccgate.dl.nec.com'" <kreinbd@ccgate.dl.nec.com>

Subject: [31708] RE: Grounding Question

Message-ID:

<c=US%a=_%p=Galileo%l=DENEXC02-971202043353Z-14644@denexc01.galileo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Hi:

Same setup here with a vertical on the roof. I'd use a longer ground rod - 8 feet or so. Use the proper clamp to fix the wire to the rod (no solder). I think that's what the Nat'l Electrical Code calls for. I've got an 8' solid rod for the DSS dish and will probably use the same kind for the vertical's tripod. As for disconnecting the rigs, I'm kinda paranoid so I'd always pull the coax when I'm not on the air. We have some pretty strong electrical storms here in the Denver area during spring and summer.

73/GL,

David, KE0AZ

David Brunner

VM Ops

714-6978

-7934

-7939

A smart guy once said:

"A lack of planning on your part does not constitute an emergency on my part"

Have a nice day.

>-----

>From: kreinbd@ccgate.dl.nec.com[SMTP:kreinbd@ccgate.dl.nec.com]

>Sent: Monday, December 01, 1997 2:13 PM

>To: Low Power Amateur Radio Discussion

>Subject: Grounding Question

>

> {snip}

>

> I've got the R5 mounted on the roof with a tripod
> mount. Mounts the R5 high and in the clear. My
> basic question is grounding the tripod. When
> installed at my former QTH, the R5 was ground mounted,
> with the mast (pipe) planted right in the ground.
> Now, I have the tripod up about 25' and want to
> ground it properly.

>

> At present, I have the tripod grounded via a large
> diameter wire coming down the side of the house.

> The wire goes to my 5' ground rod right outside
> the shack window. My main shack ground uses this
> same ground rod and uses a #6 copper wire into
> the shack's ground buss. {snip}
>
> What is the best method to ground the R5
> mount?
>
> TIA and see you on the bands (finally).
>
> 73 de Dave NR3E/5
> nr Dallas, TX
> qrp-1 #25
>
>
>

Date: Mon, 1 Dec 1997 21:54:39 -0700
From: "Steve Hurst" <shurst@magiclink.com>
To: <johns516@maroon.tc.umn.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31709] Re: Novice/Tech fox report for December 1
Message-ID: <199712020452.XAA230774@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

-----Tim wrote-----
-----snip-----snip-----
> 8 0125 KA7NOC STEVE ID 449 / 339
>
> Thanks to everyone.
>
> Tim, KB0VRV
> (age 12)

AGE 12 !!!!! WOW !!!!!!! Doing a great job Tim !!!!! Keep up the good work. Am glad that I could wrk you , really noisy here. But your signal came right up *after* I worked you the first time !! Had to give you another call and new higher report. Tnx for being there for us hunters !!

73,

Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

Date: Mon, 1 Dec 1997 23:52:28 -0500 (EST)
From: "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>
To: Multiple Recipients of List <qrp-l@Lehigh.EDU>
Subject: [31710] CQWW CW Results from VA3JFF
Message-ID: <Pine.SGI.3.96.971201233410.12301A-1000000@freenet.npiec.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, my results are here for all to see. I was impressed with the outcome. First the data, then my summary and comments.

Band	QSO	Zones	Countries
80	3	2	1 (K)
40	8	3	2 (K,VE)
20	17	5	4 (K,VE,P4,I)
15	27	11	15 (K,VE,P4,I,JA,KL7,KH6,OH,9A,SM,C6A,LY,DL,9Y,TI)
10	13	8	9 (K,VE,KH6,6W,6Y,LU,HC8,PY,KP4)

Most memorable moments: My 1st QRP Africa Contact (and a new country for me even at QRO levels [6V1C])
My 1st QRP Asia Contact (first JA CW for me)
Several other new QRP Countries
(KH6,KL7,6W,JA,HC8)

Station Description: HW-8 for 15-80 (2.5 W on 80, 3 W on 40, 2 W on 20, just under 1 W on 15)
Yaesu FT890 for 10 metres (4.5 Watts)
Cushcraft Tribander
Double Zepp for 40/80

Summary and Comments:

In order to improve my score and enjoyment of a QRP DX Contest II have a few improvements that need to be made.

1. I now see how important that HW-8 CW filter mod is. (Anybody with a spare MFJ CWF-3?)

2. I need to make sure I can operate both days of the contest. Working on Saturday and being exhausted enough to sleep through Sunday Morning really hurts the performance.

3. A QRP rig for 10 metres is a must.

4. 5 Watts would be nice ...

5. This was my first time using a beam ... nice piece of equipment ... gonna have to look into getting one of those.

That's all for now. Thanx to all I worked ... I recognized a few calls (K8DD/C6A, KL7Y et al.)

Keep the Canada Winter Contest in mind ... December 28 (0000-2359) A perfect chance to pick up those Provinces and Territories for the Canadian QRP Award ... and look for a new PLAQUE to the QRP winners of the two Canada Contests starting in 1998.

73/72

Jeff - VA3JFF

<http://www.geocities.com/Colosseum/2572/QRP.html>

=====
L. JEFFREY HETHERINGTON
Niagara Falls, Ontario, Canada
E-mail: L.Jeffrey.Hetherington@InternetAddress.com

Date: Tue, 2 Dec 1997 00:02:47 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [31711] Tnx for SP QSO's
Message-ID: <199712020005_MC2-2A5B-C621@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Many thanks to all who stopped by during the SP sprint just ended. Had to work late and got started exactly at 0300Z. But what fun it was during the next hour! Had a total of 13 Q's, not too bad considering

the *heavy* QRM. Very nice to hear you tonight!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/27/97 14 of 17. The FOX 11/25/97.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Tue, 2 Dec 1997 00:12:38 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [31712] Help with QRP logos
Message-ID: <199712020016_MC2-2A57-DAC1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Had it, lost it--the URL where one can download the common QRP-related
logos and other symbols/pics. Designing a QSL card, and could really
use this help. Thanks in advance.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/27/97 14 of 17. The FOX 11/25/97.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Mon, 1 Dec 1997 21:57:00 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [31713] VMC: FANUC'ed again!/38S Box Progress!!
Message-ID: <199712020557.VAA10607@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've been sparing you all from my moans and cries the last 10 days, but it is time for an update: Tree VMC is on line and making serious chips, about 50 gallons of chips every four hours (38S Enclosures are over 90% material removed), but not before pulling me thru the wringer again...when Tree was finally on line week before last, only went 3 days before stopping with ORIGINAL fault (Y-axis position counter error) AAAAAAHHHHH!!!!

Last monday got her up, been cranking since, fault appears to have been in mother board to servo velocity board cable harness, or velocity board connections...checked harness, cleaned pins, been running since...Lost several more days, getting less sleep than ever, but new 500 kit paddle run WILL be done tomorrow & delivered to Doug Hendrix(always wanted to see teeming metropolis of Dos Palos[Two Sticks??]).

VMC has been steadily cranking out 38S boxes(4th setup)...going to plater this week after setup 5. I know, seems like its taking FOREVER...but boxes are tricky, six setups, and one must be VERY careful, one tiny chip on a vise jaw(SIX chances to wreck each part) and the part is ruined...every single load, jaws must be carefully cleaned, part checked several times with fingers, then gently snugged into vise, no rushing here...setup runs two parts in fifteen minutes(two vises), so only has to be loaded 4 times an hour (allowing me to CRANK on NorCal paddle parts)...200 Enclosures in work, WILL ACTUALLY SHIP NEXT WEEK!!! (170 + ORDERS!! Yow!) Soon you can enjoy a Custom Enclosure in the privacy of your own home!(shipped in plain brown wrapper). I can't BELIEVE how patient you people are, I woulda come after me by now! TNX!

72 Doug KE6RIE

Date: Tue, 2 Dec 1997 00:16:58 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: dcscott@us.ibm.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31714] Re: DSP recommendations
Message-ID: <fgfjuGA6N1g0EwZ0@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <50302000204772330000002L032*@MHS>, Dale Scott
<dcscott@us.ibm.com> writes
>I'm putting together a Christmas list for my XYL and would like to put a DSP on
>the list. I would appreciate any recommendations.
>
>72 - de kc7khd/dale

If you get one of the Analog Devices EZ-KIT Lites (16-bit fixed point
and 32-bit floating point for about \$150) you can develop your own DSP
software. It isn't all that difficult, and you can learn a lot. Similar
kits are available from Motorola and TI.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a
low-cost reconfigurable computing module using the XC6216 FPGA

Date: Tue, 2 Dec 1997 00:22:44 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: jadepro@jadeprod.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31715] Re: "Suggestions for window feed-throughs?"
Message-ID: <CAEkWIAUT1g0EwYH@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <Chameleon.971201115043.jadepro@jadeprod.com>, Jade
Account <jadepro@jadeprod.com> writes
>If you want to bother going through the trouble, you can drill glass. You
>need a very good (sharp) drill bit. Using light pressure, lubricate the
>chosen hole location with turpentine. A variable speed drill will allow you
>to find the correct rate to drill at.

I just drilled a couple of holes through the wooden window frame, large
enough for BNC plugs. If I move, I can plug the holes with a piece of
dowel and paint the plugs.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a

low-cost reconfigurable computing module using the XC6216 FPGA

Date: Mon, 01 Dec 1997 22:29:04 -0800
From: Monte Stark <ku7y@sage.dri.edu>
To: ARDUJENSKI@aol.com
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [31716] Re: N/T+ Foxhunt of 01 DEC 0200-0400 UTC
Message-ID: <3483AAB0.42B2@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Alan,

When you worked Tim just after 0100z you were very strong. By the time 0200z came around, I never could hear a peep out of you. Or the hounds for that matter!

But it looks like you did a good job. Congratulations!

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP QRCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Tue, 2 Dec 1997 01:34:09 -0500
From: "Edwin E. Albert" <ted.albert@worldnet.att.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [31717] My 1st 49er QSO, OH to OR
Message-ID: <01BCFEC2.F1888DA0@63.cincinnati-02.oh.dial-access.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings Gang,

Permit me the opportunity to crow a bit about the Norcal 49er. I finally made my first QSO with the little rig this evening during the Spartan Sprint. The courageous station on the other end was AA7QU in OR. The 49er here was built using a Revision A board,

with a 2N3866 in the final amp. The power output was measured at 200 mw using an OHR WM-1, feeding the faithful 80' random wire at 15', tuned with an MFJ-16010 tuner. Power was supplied by a much used 9 volt battery. The rig is housed in an Altoids tin, and I spent the evening chasing stations using a plastic alignment tool to tune the rig.

It was a very rewarding QSO. The band was in very good shape this evening, and AA7QU gets my nomination for best ears!

72 de Ted, KF8EE
Loveland, Ohio

Date: Tue, 2 Dec 1997 01:50:12 -0500
From: "Edwin E. Albert" <ted.albert@worldnet.att.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [31718] Muting Switch for Ten-Tec 1056 DC Receiver
Message-ID: <01BCFEC4.AA9D1E40@63.cincinnati-02.oh.dial-access.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings Gang,

I took a break from tinkering with the new regen receiver to work on the muting for my 80 meter version of the Ten-Tec 1056 DC receiver. I had used this receiver in past years to work the Colorburst Sprint, but I was never very happy with using a spare set of contacts on the TR relay of my Colorburst transmitter to mute the receiver. The solution was discovered in Sprat # 84 with the submission by Roy Lewallen, W7EL, titled, Receiver Muting Circuit. It uses an MPF102 as a switch in the audio line between the product detector and the audio amp. I wired mine on a 5 pin tie strip mounted next to the receiver board in the case. The version I used required 4 parts total and I am very satisfied with the results.

I'm going to use this same circuit to provide muting for my new 160/80 meter regen receiver.

72 de Ted, KF8EE

Date: Tue, 02 Dec 1997 01:58:15 -0500
From: "Daniel L. Evans" <dlevans@hsonline.net>
To: QRP-1@Lehigh.EDU
Subject: [31719] Re: Need a regen schema
Message-ID: <3.0.1.16.19971202015815.2a274cb4@mail.hsonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>Paul
>You put a lot of work into that post!!!
>Once more, it's GOOD! (As usual from all you're work)
>Am burping out a copy for my files..(called "circuits I intent to build and
>use")
>Thanks from all of us
>Bill, K5BDZ
>

I just wanted to echo Bill's post. I hadn't really considered building a
regen' til I seen your schematic. But then I thought, "hey, this might be
fun".

Thanks for all the effort drawing out that schematic. Must have taken hours!

72/73 de Dan, N9RLA.....

Dan L. Evans [N9RLA].....EM78
CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Tue, 02 Dec 1997 07:02:55 +0000
From: Werner Jochem <Werner.Jochem@hoexter.netsurf.de>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31720] Re: What is all the RTTY activity around 7.040?
Message-ID: <3483B29F.CA890CAF@hoexter.netsurf.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kory Hamzeh wrote:

> There seems to be alot of digital RTTY type modes around 7.040 tonight.
> What's going on? Also, I noticed in the latest issue of QST, on page
> 101, it lists 7.040 as the RTTY DX calling frequency. Is this new?
>
> Kory
> AC6RN

Due to the beloved sunspots you may have heard some DX stations in RTTY.
Please remember that in IARU Region I (Europe, Africa) the 'digital window'
is from 7035 to 7045 (the whole band covers only 7000 to 7100).
73/72 Joe

D K 7 V W - N 7 V W
ARRL * DARC * AGCW-DL * DIG * DL-QRP-AG * G-QRP-CLUB * HSC * QRP ARCI *
RTC
Werner 'Joe' Jochem Phone: +49 5271 8577 Fax: +49 5271 921792
Postweg 20 Ax.25: DK7VW @ DB0HOL.#NDS.DEU.EU
D-37671 Hoexter Email: Werner.Jochem @ hoexter.netsurf.de
Loc: J041RS jochem @ t-online.de

Bach, Beethoven, Mozart, Morse !

Date: Tue, 2 Dec 1997 00:23:40 -0700
From: Niel Skousen <nskousen@scientechn.com>
To: qrp-l@Lehigh.EDU
Subject: [31721] DC Wed-Fri
Message-ID: <v03020901b0a9678f10a8@[205.180.127.57]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Will be traveling to Wash.DC Wed-Fri. Anything going on ?
Don't know evening sked yet, but likely to be a bit tight.
Will have HT750 / ZM1 & wire

TNX Niel

Date: Tue, 02 Dec 1997 07:33:00 -0600
From: charlie <crc@io.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [31722] keyer
Message-ID: <34840E0C.2376@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If anyone has that keyer circuit W1EAT talked about I also would like a copy ,I have a boat load of 2222s begging to be put to work some where,and a recently dead keyer that has served faithfully since 1975.
Thanks /72

--

charlie crouchet WA5KRF a little cw never hurt anybody
qrp-l #1207
a-qrp #2 1/2 Argonaut 509;micronaut;MRX-40;Pixie2
g qrp #9817

Date: Tue, 2 Dec 1997 08:49:57 -0500
From: Thomas J McCuen <TMcCuen@compuserve.com>
To: QRP-L Lehigh Server <qrp-l@Lehigh.EDU>
Subject: [31723] Compuserve mail
Message-ID: <199712020850_MC2-2A5D-2B59@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

To users of Compuserve;

I've been using Compuserve version 2.5 for my Email and upgraded to version 3.0.1.....

Just a note to advise you that you may want to stay with the lower version.

The newer version is SLOW when accessing/deleting mail (as much as 10x slower) ... Compuserve tech support states there is no fix for this. Also , when deleting mail, you must stay in the mail service till completed or you end up with active mail remaining behind.
(deleting mail takes abt .5 secs each if not longer)

Tom aa2vk

Date: Tue, 02 Dec 1997 08:43:43 -0500
From: "William F. Nicolson Jr" <n2wf@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31724] Re:38s sideband supression Thanks!
Message-ID: <3484108F.80497D7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A big thanks to all that replied to my 38s sideband question. I'm working on some of the Mods from QRPP and will give it a nother try this week 72 de Bill N2WF

Date: Tue, 2 Dec 1997 08:42:42 -0600 (CST)
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
To: qrp-l@Lehigh.EDU
Subject: [31725] Kanga and ARRL statistic
Message-ID: <199712021442.IAA26037@fourier.math.tamu.edu>

Gang,

On Friday 14 Nov I ordered books, two from Kanga by email and one from ARRL by their web page. Paid for both orders by credit card. The same day I received this reply from Kanga:

>

>Jack - QSL the order - both books will be in the mail Sat. AM

>

>mni tnx!

>73 - Bill - N8ET

>Kanga US

The order was here in Texas before noon Monday! Bill didn't even charge me for shipping. Great service.

The ARRL order arrived today (2 Dec). \$5 shipping. Not bad, but no cigarro!

-Jack W5TFB

Date: Tue, 02 Dec 1997 10:25:32 -0500
From: Randy Hargenrader <randyh@harksystems.com>
To: qrp-l@Lehigh.EDU
Cc: klqrp@acpub.duke.edu
Subject: [31726] KL Net 11/30/97
Message-ID: <3484286C.7E01@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The KnightLite QRP Net meets every Sunday at 9:30pm on 3.686.4mHz. It is a net open to all ops including qro stations. Bring a bit of news from your neck of the woods and have fun listening for some of your qrp friends from all over checking in on some LOW power! The "rag chew portion" of your check-in lets you give sig rpts to stations you've heard qni and an opportunity to share some happenings in your life. See you next week?

Gang,

I had a bad antenna feedline so I was limping along during the net hoping I'd run across one of the other NCS stations and pass it off on them, hi! I don't know if the condx were poor or if my antenna was all the trouble but we got through it anyway.

QNS: K4PYM K4NK N3GO WA3IVB AB4PP N4EUK WJ4P(NCS)

Thanks to all who qni'd and those who tried. Please come back and give it another try!

--

73, Randy WJ4P
Knightlites QRP-L #296

Date: Tue, 02 Dec 1997 10:50:54 -0500 (EST)
From: Philip Karras 827-2956 <PXX4@CDRH.FDA.GOV>
To: mmartin@internetni.com, qrp-l@Lehigh.EDU
Subject: [31727] RE: MFJ QRP Rigs
Message-ID: <C34ZXDHFY47*/R=FDADR/R=A1/U=PXX4/@MHS>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Mike, there have been a number of seat-of-the-pants reviews of these rigs. However, Chuck Adams K5FO CP-60 adams@sgi.com might be the guy to ask for a good review.

I will simply say that I have a 9040 and am pleased with it. It drifts a bit, and has a funny sound to the side-tone at times, but other than that I use it whenever I go on trips. I like being able to carry the entire set-up in a briefcase. (Rig, antenna, cables, SWR meter, key, battery, straight keys & wire, extra fuses & wire, soldering iron & solder, and logbook.)

The only thing that would make me give it up is a kit in a smaller case that can put out 5 watts on 12 volts, all else being equal.

So, if you're not into kits, the MFJ is a good enough rig, if you're into kits ask Chuck what he likes, I'd like to know about the Ten-Tec monoband rigs, even if they only put out 3 watts.

72 & 73 de KE3FL

Phil K

W: pxk4@cdhrh.fda.gov

H: ke3fl@juno.com

Date: Tue, 02 Dec 1997 08:10:56 -0800
From: Bill Jones <kd7s@psnw.com>
To: QRP-L@Lehigh.EDU
Subject: [31728] QRP TTF Contest Exchange
Message-ID: <34843310.38754522@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anybody remember the "exchange" for the QRP To The Field contest? I am trying to set up some computer logging software. Nothing like planning ahead.

Date: Tue, 02 Dec 1997 16:25:28 +0000

From: Ed Loranger <we6w@qsl.net>
To: kd7s@psnw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31729] Re: QRP TTF Contest Exchange
Message-ID: <34843678.7147@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy Bill, It is this for CW: RST, SPC as in: 559 CA.

Regards,

Ed

Excerpt from saved Rules:

QRP TO THE FIELD 1997 (c) by [1]Doug Hendricks KI6DS

Saturday April 26, 97, 1300 utc to 0100 utc (Saturday)

Single Transmitter, declare best (8) continuous hour period for
contest scoring.

Open to all Radio Amateurs, all modes, and all bands except WARC.
Once started, maintain the same power and location categories.

Exchange:

Phone RS and State, Province, or Country

Digital (CW, etc.) - RST and S, P, or Country

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8, OHR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068, ARCI#9397, Norcal#2227, ARS#275, AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 02 Dec 1997 05:52:34 -0800

From: Brian Kassel <bkassel@dancris.com>

To: Jack.Bryant@math.tamu.edu

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [31730] Re: Kanga and ARRL statistic

Message-ID: <348412A2.1EB1@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jack Bryant wrote:

>

> Gang,

> >Kanga US

> The order was here in Texas before noon Monday! Bill didn't even charge
> me for shipping. Great service.

Gang:

May I also publicly commend Bill at Kanga for their amazing service.
In this day of automated vice machines putting one on hold for very
long periods of time, Bill's great service is to be recognized as just
about as good as it can get.

I have no financial interest in Kanga etc. I WOULD however buy
stock in Kanga if Bill ever wants to take the company public ;).
Yes, I am a very satisfied customer.

--

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Tue, 02 Dec 1997 11:56:15 -0800
From: George Cortez <10eim6294cn1@internetMCI.COM>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31731] Antenna suggestions for low power on 40 meters.
Message-ID: <348467DF.780B103B@internetMCI.COM>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi folks

I am wondering what would be considered an efficient antenna for
foxhunting.

I am limited fo a dipole on 40 meters at about 50 feet.

Thanks

George

Date: Tue, 2 Dec 97 11:52:27 EST
From: Bill Acito 02-Dec-1997 1145 <acito@asdg.ENABLE.dec.com>
To: -qrp@us1rmc.bb.dec.com
Cc: acito@asdg.ENABLE.dec.com
Subject: [31732] FS: QRP++
Message-ID: <9712021652.AA27962@us1rmc.bb.dec.com>

Mint QRP++ (plus-plus; factory installed mod), serial number 0632.
-with Icom mic (HM-30?)
-4Ah gel cel
-all manuals, documentation, and a ton of information from the
web and this list.

\$500

Selling for a co-worker, contact him:

Lee Cahill WB3CUU/1
work number (EST):978-568-4586
home number:508-987-1810
email: cahill@hotmail.enet.dec.com

. - I own my own words -
Bill Acito acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

Date: Tue, 02 Dec 1997 17:17:04 +0000
From: Ed Loranger <we6w@qsl.net>
To: 10eim6294cnl@internetMCI.COM
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31733] Re: Antenna suggestions for low power on 40 meters.
Message-ID: <34844290.365A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi George, I'm using a dipole up 46 feet. Now the big issue here

is beam direction. I'm on the west Coast in California and my N/S dipole transmits East/West. Nothing West of here so a parasitic reflector or W8JK phased array would be nice, but no more room.

66 feet high would be better in most cases. But I'm have good success with parallel feed in this configuration.

If you can, have a spare vertical for general coverage or put up a dipole to cover any Dead areas you currently have. At one time I had 3 antennas. Phased Verticals with a provision to use each individually, and the Dipole. Worked well.

For fox hunting, it is most important to ensure you have the fox's signal near the antenna sweetspot. (Main Lobe).

I'm hoping to experiment with small loop antennas some more. Sure would be great to have some 4inch dia tubing about .17 wavelengths and a Hi-voltage variable cap. With this loop, aka Bill Jones', kd7s, small transmitting loop, you can rotate and pick up any azimuth angle signals.

Gud luck George.
73/Ed

George Cortez wrote:

>
> Hi folks
> I am wondering what would be considered an efficient antenna for
> foxhunting.
> I am limited fo a dipole on 40 meters at about 50 feet.
> Thanks
> George

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 2 Dec 1997 10:55:54 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [31734] MFJ Review
Message-ID: <199712021755.KAA25219@zia.aoc.NRAO.EDU>

I'm attaching some comments on the MFJ rigs I prepared a couple of years

ago. I'm reposting it due to the recent inquiries about the MFJ rigs.
72, Paul NA5N

MFJ 90xx SERIES 5W QRP TRANSCEIVERS

OVERALL OPINION.

The MFJ rig works as advertised with room to spare. This would hold true for any QRP rig using the same general circuit. The NE602/MC1350/NE602 scheme is an excellent 3-chip receiver with a sensitivity that rivals big rigs (~.2uV/-120dBm region). It favors well to many of the recent kits on the market, with the advantage of purchasing a ready-to-go rig, and one feature often missed ... they're built like a tank in a stout enclosure that can well tolerate some ruff, banging around use.

The XMTR portion is about the same ... works great for its simplicity with good harmonic suppression on the output. It is hard to misadjust the transmitter to exceed FCC specs for the -30dB down harmonic suppression, EXCEPT FOR OVERDRIVING the transmitter which will guarantee out-of-spec emissions. The 2N5109 Q8 driver and MRF-476 Q9 PA final operate pretty close to their limits. This should be no problem for CW, but would likely be fatal for RTTY/packet at full power. This would be true for any rig running 4-5 watts from a single MRF-476.

RECEIVER SECTION

1. L3 VFO CAL is very touchy! 1/2 turn=50 kHz on 40M, ~100 kHz on 30M.
2. Tweaking the RF-IF cans by sound off a weak signal (to keep the AGC from kicking in) is a very good way to optimize the IF's for best gain and noise figure. Recommend using an Amtor/RTTY sig for a more constant signal level.
3. T1, the first IF can after the U1 NE602, has the most profound effect on images. If you're having images, birdies or excessive noise floor, adjust T1 for peak, then back off a bit to reduce noise. This will scarcely effect IF gain, but images and noise drop 10dB in <1/4 turn.
4. BFO adjustment C67 is also very touchy (although only effects detected CW tone, not the VFO frequency). Use insulated screw driver.
5. In the lab tests, note the AGC voltage vs. the gain reduction produced. In my opinion, the gain reduction is too high for weak signal reception (typical QRP work!). Try setting AGC V. (TP2) to 3.6 or even less with no signal for enhanced weak signal gain. If you're using the CW filter, this will also give a better sounding sidetone. Play with it for your taste. There is nothing sacred about the AGC voltage. It is strictly for operator convenience. A lower setting will make it a bit prone to strong signal overloading, however. One quick poor-man's method to properly set the AGC voltage is to adjust the AGC gain pot for a pleasing sounding sidetone. When the sidetone is loud and raspy, you are driving the receiver into gain compression; when it sounds pure, the AGC gain reduction is properly set for strong signals. This does

not effect the overall gain to weak signals.

6. One of the mods I've added to several MFJ's is a front panel mini-toggle switch for AGC FAST-SLOW. The AGC FET has a 1M from the gate to ground; the switch in AGC FAST places a 5.1K across this 1M ohm resistor to greatly speed up the discharge time of the AGC cap. This works great in high static situations, where static impulses seems to nearly mute the MFJ due to the long time constant. The AGC SLOW position in the MFJ "as-it-comes" (no mod to the time constant).

TRANSMITTER SECTION

1. VFO DRIVE R41. MFJ manual says don't exceed drive past the output power plateau or else spurious emissions may occur. An UNDERSTATEMENT. It gets so ugly on a spectrum analyzer, I haven't the words to describe it. You CAN judge by the sound of the sidetone ... when it starts to hum a bit, your 2nd and 3rd harmonics are coming up. When sidetone gets raspy, you are generating hash from DC to light and the MRF-476 is in VHF oscillation. The point where the sidetone just leaves that pure sound is maximum power with the cleanest output and the most reduced harmonics. In other words, set the drive control for max output just as the MFJ manual describes.
2. Peaking the TX1 and TX2 cans (L6 and L7) is very important. These are the filters coming out of the TX VFO Mixer NE602, before the Q7 buffer. Adjust for peak output on RF meter. While peak on L7 may seem a bit sluggish, exact peak has lowest harmonic power and provides proper signal level and bias to drive Q8. Don't hesitate to peak these TX cans. Lowest harmonic content occurs when these are peaked.
3. When peaking TX1 and TX2, your output power can also fall off as you move away from the frequency where you peaked them. If you desire a more constant output power vs. frequency, stagger tune TX1 for peak power towards the bottom 1/3rd of the band and TX2 towards the upper 1/3rd of the band. Output power may be reduced 0.5W this way, but the overall output power will be flatter across the tuning range.
4. TX OFFSET C66 is very touchy. This is what determines your TRANSMIT frequency by mixing the VFO from the RX with the TX offset freq. Obey the proper sequence in the MFJ manual for the order in adjusting the VFO CAL, TX OFFSET and BFO for proper TX-RX offsets. HINT: If you can get the TX offset for exactly 700 Hz shift, then adjusting the BFO for the 700 Hz sidetone is easily done just by sound. Then, when you answer a CQ, tune in the station for the same tone as your XMIT offset, and you will be right on his frequency.

CLOSING THOUGHTS/TECH NOTES

1. Some of the earlier versions of the MFJ's were prone to frequency drift, up to 1KHz in the space of a QSO. This was dramatically improved by MFJ by incorporating silver mica caps in the VFO circuit. If you have an older rig with the dipped mica caps in the VFO, call MFJ ... they will send you the more temperature stable caps for free, or for shipping. This has not been a big reported problem in the past couple of years since MFJ made this change.

2. I destroyed the Q7 2N5486 FET transmitter buffer (for reasons I won't elaborate!). The old junk-box standard, MPF-102 FET, worked just fine and would probably be a suitable replacement for any of the 2N5486's.
3. The Omniron relay used for the T-R switching is rated for 100,000 actuations. This means if you set minimum delay for almost QSK operation, you could burn out that relay by exceeding its actuation limit. It is available from Digi-Key for about \$5.
4. If you take your MFJ apart ... make sure when you bolt down the MRF-476 PA, you get it good and tight for maximum heat transfer. It does get hot. Also, don't loose the mica insulator (no part of Q9 should be touching ground). Q8 driver 2N5109 also can get quite warm with active use. My 9040 had a heat sink on Q8 and ran cool, but my 9030 did not and ran hot to the touch. Added a heat sink for precaution.

Hope the information and comments help. Of course, your mileage may differ. These are fun rigs, work well, and easy to modify, play with and learn some electronics. Always interested in your comments or measurements.

72, Paul Harden, NA5N
pharden@nrao.edu or NA5N@rt66.com

Date: Tue, 2 Dec 1997 10:57:52 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: kd7s@psnw.com
Cc: qrp-l@Lehigh.EDU
Subject: [31735] Re: QRP TTF Contest Exchange
Message-ID: <199712021757.KAA14478@usr04.primenet.com>

Howdy!

Bill (KD7S) wrote:

>
> Does anybody remember the "exchange" for the QRP To The Field contest?
> I am trying to set up some computer logging software. Nothing like
> planning ahead.

Exchange: RST and State, Province or Country (Border stations must give a separate RST for each state, province or country.)

Example - If you were working from the CA-AZ-Mex border your report would be 579 CA, 579 AZ, 579 XE [...]

Looks like I'll need to buy a memory keyer for sure this time around. Wonder if it's too late to add to my list to Santa.... :)

Cheers de AB7TT,

-Joe, vole@primenet.com, QRPTTF 'Test Manager

NorCal, ScQRPions, and many other fine furry animals....

Date: Tue, 02 Dec 1997 10:02:47 PST
From: "Randy Jouett" <rjouett@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [31736] New to QRP-L; Various QRP Comments and Questions.
Message-ID: <19971202180249.24627.qmail@hotmail.com>
Content-Type: text/plain

Hello fellow QRP folks!

Just subscribed to the qrp listserv, and I have to say that I wasn't disappointed! :^). I've been QRPin' for around 20 years.

QRP Rigs:

My father and I homebrewed a 40-Mtr version of the 5-watt Xmitter described in the 68 handbook. Dad burnt the final when he soldered the puppy in, so we decided to go straight to the oscillator. Chirped like crazy @ 250mw! Average sig reports were around 332! Yes -- you read that correctly! :^) Ant was a two-element phased array @ 35 feet (dipoles, with 1/4 wave spacing with 1/8 wave delay line). Too busy to build an LC phaser at the time. We worked 22 states and Canada twice. Not bad for 40 :^). We did this around 1980 or so. Anywho, I've been hooked on QRP ever since.

2nd rig is an HW-8. My dad purchased this thing as my mom's birthday prez. Unfortunately, my mom's not a ham (LOL;Laughing Out Loud)! Seriously, it was sitting on the back seat of her brandnew car when she found it :^). We had many good QSO's with the rig;however, the frontend overloaded like crazy and it drove us nutts! Ahhhh -- the good ole' days :^).

3rd Rig is an OHR Classic on 40 mtrs. I really Enjoy using it. Receiver is good. Haven't installed a keyer in the beast, but I plan on building the TickII and putin' er' in. Any of you people build the thing? How do u like it? Why in the heck insn't the source-code

available?

4th rig is a home-brew, 40-mtr xtal xmitter designed and built by Marty Beck, WB0ESV. Haven't had time to fire the thing up, but everything about it is top-notch. Marty is one heck of a RF Designer. He was one of the R&D engineers for Slumberger. BTW, Marty purchased NN1G's WM-20 and has come up with a couple of mods that I think people around here would be interested in. He added CW and variable-freq sidetone, an electronic keyer he designed, and a couple of other mods. If you are interested in the mods, drop me sum e-mail and we'll talk. Either that or you can catch Marty on 7.263 Mhz during the day @ around 10:00am or so (CST USA). Actually, maybe all of you could get on there and tell him to purchase his computer and drag his butt to this listserv :^).

And now the bad news. I'm living half of the year in Houston, TX, I'm apartment dwelling -- for the time being! -- and all of my rigs are still at the 1st (main) QTH. Anywho, what I've decided to do is look at things from a positive viewpoint and build sumfin' homebrew. Picked up a copy of Solid State Design For the Radio Amateur , and I am enjoying it throughly!! Can any of you QRPers out there tell me of any other decent books? Any help would be appreciated!

BTW, I'm also into antennas. Thinking of taking two of those free-standing, living-room type halogen lamps, putting em' on either side of the sofa, adding loading coils and radials (under the carpet), and driving em' as a pair of phased verticals on 10mts. :^) :^). No kidding -- I'm gonna' do this! I hope it works! LOL!

Well, that's about it. From what I've been reading here, I shoulda' been here a LONG time ago! Glad to finally be a part of QRP-L, and I hope to work u on 40-Mtr CW (QRP, of course)!

73,

Randy Jouett (AB5NI)
rjouett@hotmail.com

P.S.

What the heck is 72 (which seems to be used instead of 73). Is it not quite a 73 because the op is ticked off at sumfin'?? :^) :^)

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 2 Dec 1997 13:23:19 EST
From: Conway Yee <cyee@bidmc.harvard.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [31737] Re: Kanga US group hug and a question on a multimeter
Message-ID: <12021997132319.3N330T@email.bidmc.harvard.edu>

Well..Since we are doing a group hug...

I would have to concur with the others opinions about Mr. Kelsey and Kanga US. I picked up an RTX210 kit in three orders. Mr. Kelsey was VERY helpful. While it took quite awhile for my order to come in, he was more than willing to keep me apprised on how my order was doing; it took quite awhile to get the parts in from England. He was also very helpful in working with me in getting some parts that I needed that he did not sell.

In another note...

I have a Fluke 87 which is beginning to show some minor problems. On one of the digits, the LCD on two to three segments doesn't come on like it is supposed to. It is VERY poorly visualized and only and a very steep angle. I guess it is due to some poor solder joint somewhere but when I look inside the case, I don't see what I can do to examine what it could be...Any ideas?

tnx es 73 de Conway Yee, N2JWQ

Date: Tue, 02 Dec 1997 13:48:37 -0500
From: "Howard M. Sherer" <howardsh@ptdprolog.net>
To: qrp-1@Lehigh.EDU
Subject: [31738] FS MFJ 40M QRP Rig
Message-ID: <34845805.C130FD7C@ptdprolog.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FS Mint condition MFJ 9040 QRP Transceiver \$130.
AE3T Howard

Date: Tue, 02 Dec 1997 13:50:17 -0500
From: "Howard M. Sherer" <howardsh@ptdprolog.net>
To: qrp-l@Lehigh.EDU
Subject: [31739] FS Ten Tec Tuner #943
Message-ID: <34845869.ECA8699F@ptdprolog.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FS TT Ant Tuner model 943 3-30 Mhz 250W. This model dose not include an
swr meter. \$50.
Howard AE3T

Date: Tue, 2 Dec 1997 13:58:15 -0400
From: sarraf@thermacore.com
To: gsurrency@juno.com
Cc: qrp-l@listserv.lehigh.edu
Subject: [31740] Toroids
Message-ID: <85256561.00675D95.00@tci-nt02.thermacore.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gary:

Toroids are made by slicing rings from a tube of green material, sintering the slices to burn of the binders and harden the rings, then tumbling the finished rings in a vibratory bowl finisher to deburr them. The stones or "media" used in the finisher can't get to the id as readily as it can get to the od, so the finished product is left with sharper radii on the id than on the od.

There are other means of deburring that would not have this side effect, however tumbling is vastly cheaper than any of the alternatives. You just pour a bucket of parts in a machine, press the "on" button, then fish them out again 8-12 hours later.

Dave Sarraf
N3NDJ
Elizabethtown, PA

Date: Tue, 02 Dec 1997 14:05:20 -0500
From: Ed Tanton <n4xy@bellsouth.net>
To: cyee@bidmc.harvard.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31741] Re: Kanga US group hug and a question on a multimeter
Message-ID: <3.0.1.32.19971202140520.00be9100@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Conway... If your Fluke 87 is old enough for the LCD to be going bad, I'd certainly think it was that... I had to replace the one in my original 8020A... but I doubt that it is that old, so you are probably correct abt the solder connection... except that LCDs are usually mounted on conductive strips... you can check somewhat by pressing down on the LCD while the unit is on (and out of the case) to see if the display improves any... and possibly by disassembling the LCD/mount and reassembling it. Also, a premature failure of the LCD has to be considered as well. Finally, I have always found Fluke people to be VERY nice to deal with. They might be some help.

```
///snip
```

>In another note...

>I have a Fluke 87 which is beginning to show some minor problems.

>On one of the digits, the LCD on two to three segments doesn't

>come on like it is supposed to. It is VERY poorly visualized and

```
>only and a very steep angle. I guess it is due to some poor
```

```
>solder joint somewhere but when I look inside the case, I don't see
```

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>what I can do to examine what it could be...Any ideas?
```

>

>tnx es 73 de Conway Yee, N2JWQ

>

 \succ \succ

73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

INTERESTS:	QRP	BoatAnchors	Test Equipment	Photography
CW: 99.9%		Mercury Paddle # 0214		QRP or 90W: 95%

"Think you can, think you can't: either way you're right!" Henry Ford

Date: Tue, 2 Dec 1997 13:10:39 -0600
From: "Kevin Muenzler - WB5RUE" <wb5rue@stic.net>
To: <10eim6294cn1@internetMCI.COM>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31742] Re: Antenna suggestions for low power on 40 meters.
Message-ID: <01bcff55\$fa82a420\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That antenna is as good as any, although a vertical would give you
a lower angle of radiation but a bit higher noise level.

Kevin, WB5RUE

-----Original Message-----
From: George Cortez <10eim6294cn1@internetMCI.COM>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, December 02, 1997 11:03 AM
Subject: Antenna suggestions for low power on 40 meters.

>Hi folks
>I am wondering what would be considered an efficient antenna for
>foxhunting.
>I am limited fo a dipole on 40 meters at about 50 feet.
>Thanks
>George
>
>

Date: Tue, 02 Dec 1997 12:08:16 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [31743] First Time on Spartin Sprint
Message-ID: <34845CA0.45B8@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good conditions on 40m lastnite...worked about 8-10 stations in the
Spartin Sprint! It was my first time... what a kick! Between throwing
logs into the wood stove and dinner and changing band conditions I heard
alot of familiar calls... K0EVZ, K4ROA, NOBS, AA7Q?, WE6W....and
more(will post log later) Lotsa great QRP sigs! Only sorry I couldn't
devote a solid two hours to it! My rig was
SWL40@1.0w/TiCK/1.5AHgelcel/Whiterock paddle/earbuds/40m delta
loop/HBtuner

--

CUL Steve/n0tu . .
Solar powered QRP/CW
Monument, CO.....email:N0TU@webaccess.net

Date: Tue, 02 Dec 1997 13:16:55 -0600
From: "Jeff M. Gold" <jmg@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [31744] Dan's Centenal
Message-ID: <34845EA7.CA94A2D0@tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Has anyone actually built one of these SSB kits? how are they? what do
you use for a mike?

thanks

Jeff

--

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Tue, 02 Dec 1997 19:51:37 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31745] DEC. ARS SPRINT!
Message-ID: <348466C9.1AEB@qsl.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! Had a blast. Big East coast connection from my qth.

Station Set-up: (Operated ONLY 40 Meters for 2 hours.)
WE6W, Santa Rosa, CA

OHR-100 at 4 Watts:::: 0.5 lbs
Makita 12V Battery:::: 0.8 lbs
K8FF Paddles/Keyer:::: 1.2 lbs
Lt.Wt. Earphones:::::: 0.1 lbs

TOTAL Stantion Weight: 2.6 lbs

Log:RST/CA/3W

SENT CALL exchange
339 N0TU 559 C0 1W Nice Stable/Weak sig. Found him with RIT.
559 K4WZ 449 GA 5W These Three were amazing catches for me!
449 N4UY 449 VA 5W "" "" ""
449 N4ROA 549 VA 2W "" "" ""
339 WA4AAK 339 AL 1W Tough Road to travel. Lucky QSO!
119*****N0BS 219 ** 5W FIRST TRY; NOT COUNTED
559 W3YK 579 NM 2W LATER 599; BIGEST SIGNAL!
559 K0SU 559 C0 2W Welcome to the party!
559 N6GA 559 CA 2W Howdy Cam!
119 N0BS 219 MN 5W We Did It!!!

Total 9 Valid QSO's.

I'm getting better! But Doc, I ain't!
Geesh, all you guys come in for "Half our this/that" and
get 20 qso's.....

At least that 4-1/2 yr. old Makita battery lasted the
full 2 hours and was still pumping out at 2.8 watts!!!

Now back to work on my ultralight 'secret weapon' hee, hee....
72 to all and thanks ARS!!!
-Ed L.

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 02 Dec 1997 20:01:24 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31746] Re: DEC. ARS SPRINT!
Message-ID: <34846914.108E@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

0000PS! OHR-100 at 3 (THREE) watts is correct.

Ed Loranger wrote:

>
> Wow! Had a blast. Big East coast connection from my qth.
>
> Station Set-up: (Operated ONLY 40 Meters for 2 hours.)
> WE6W, Santa Rosa, CA
> -----
> OHR-100 at 4 Watts:::: 0.5 lbs <<===== REMOVED!
> -----
> OHR-100 at 3 Watts:::: 0.5 lbs
> Makita 12V Battery:::: 0.8 lbs
> K8FF Paddles/Keyer:::: 1.2 lbs
> Lt.Wt. Earphones::::: 0.1 lbs
> -----
> TOTAL Stantion Weight: 2.6 lbs
>
> Log:RST/CA/3W
> SENT CALL exchange

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 02 Dec 1997 16:12:59 -0500
From: "Emory R. Schley" <ERSchley@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [31747] Not QRP, but...
Message-ID: <348479DB.59B1@worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Say Fellows;

Thanks very much to all those who replied to my question about the diodes in the Embassy walls. Most replies said the diodes were placed there to confuse any "sweeps" for bugs in the building. Thanks again.

--

```
=====
|                               Emory R. Schley - N4LP                               |
|                               EL88WX - 10-10 # 49984 - QRP-L #425                     |
|                               ARCI #5962 - M-QRP-Club #405 - scQRPions #34             |
|                               Former Editor, "The Five-Watter," Michigan QRP Club      |
|                               +-+--+                                                |
|                               ERSchley@worldnet.att.net   OR   ERSchley@cyberdude.com    |
|                               +-+--+                                                |
|                               dahdahdididit didididahdah                           |
|                               SRI: dahdahdididit dididahdahdah isn't symmetrical enough to my ear! |
|=====
```

Date: Tue, 02 Dec 1997 20:13:55 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31748] email Probs for me.
Message-ID: <34846C03.847@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang: Days, sometimes hours lately before I get my email.

If anyone has sent me email and feels I haven't responded just give me a quick email at my backup account: <mailto:loranger@sr.hp.com>

Cuz I do care!

Tks, Ed (reading from the archives) we6w

P.S. Anyone know if qsl.net is having probs forwarding email?

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 2 Dec 1997 15:18:15 -0500 (EST)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-l@Lehigh.EDU (qrp-l), 102762.1311@compuserve.com (Mike Hansgen)
Subject: [31749] December Spartan Sprint Log
Message-ID: <199712022018.PAA25776@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hello Fellow QRPers!

I was able to participate in the Spartan Sprint last night for about an hour-and-a-half. This is the first time I've been able to participate since April. I hope that the colder weather and the darker evenings will allow me to participate in more of them for a few months.

I operated only on 80m last night, and my QRP+ and I managed 18 QSOs. Compared to what some of you guys are running, my QRP+ should now be considered "tubby"!

I had fun, and I look forward to the next event.

Eric

Adventure Radio Society Spartan Sprint
1 December 1997

William McFadden WD8RIF
12600 Adeline Circle
Athens OH 45701
wd8rif@qsl.net

Adventure Radio Society Number 58

Equipment:

Index Labs QRP+

AEA AT-3000 tuner
 135' ladderline-fed dipole at 30'
 CMOS Super Keyer II
 Whiterook Paddle paddle
 2.5 Ah gel cell battery
 walkman-style headphones

My fully portable station contains an MFJ-901B and Heath HM-9. I used the AEA tuner because this is the tuner already connected to the ladderline.

All QSOs 2 Dec 1997 GMT

Call	Freq	Time(UTC)	RST S	RST R	SPC	Exchange	
W3TS	3560	0228	559	569	PA	1W	
K3SJB	3559	0233	558	589	NY	5W	DAVE
VE3ELA	3559	0236	579	569	ON	3W	
N2WF	3559	0239	589	599	NJ	5W	
VE3SP	3559	0239	559	569	ON	5W	
K1CL	3559	0241	589	449	MA	4W	CHUCK
WA1QVM	3559	0248	559	589	MA	4W	
K3WWP	3560	0254	569	589	PA	5W	
WD3P	3562	0256	569	559	MD	3W	
K8CV	3557	0300	5NN	55N	MI	5W	
KD3FG	3560	0302	58N	56N	MD	5W	
N2VPK	3560	0305	579	579	NY	4W	
WB4VFN	3560	0311	579	599	KY	1W	RICH
VE3JC	3559	0321	589	579	ON	2W	
N3YSI	3559	0325	599	589	PA	4W	
N2TNN	3559	0328	559	599	NJ	4W	
K2JT	3562	0338	589	599	NJ	5W	
KJ3V/8	3563	0340	599	599	WV	5W	

Score : 18 QSO x 1pt/QSO = 18 points

Station Weight : 9 lbs

--

W. Eric McFadden WD8RIF Athens OH
 wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Tue, 2 Dec 1997 17:01:36 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [31750] Dayton QRP Banquet Announcement!!!
Message-ID: <Pine.LNX.3.95.971202164145.13416B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

WOW, Dayton is only FIVE MONTHS AWAY!!! Can you believe it?

DAYTON QRP BANQUET 1998!
FOOD, FUN, and PRIZES!
Friday, May 15, 1998 - Mark it on your calendar NOW!
Days Inn, Dayton South, Miamisburg, Ohio
7:00 p.m.

Buffet food - three main courses, two salads, two veggies, and dessert.

Featured Keynote Speaker - the one, the only...

W0RSP, Ade Weiss, author of THE JOY OF QRP

Door prizes galore (if you want to donate, let me know - I'm also doing some serious solicitation - I hate to do it, but it HAS to be done).

Approximate cost - \$22/person.

Is this a lot? Last year's was \$15+change, but consider this...

- 1) it's a lot of food, and their cheapest buffet
 - 1a) after a day at Hara, you will be <<REALLY>> hungry
- 2) Kohler foods' prices went up slightly, but the food is excellent
- 3) we have to rent the room this year (\$300 - last year it was free)
- 4) tax & tip are included
- 5) dinner for up to 300 QRPers!!!

For reference, my local radio club is having their banquet at a local restaurant...no buffet...main course, salad, veggie, and dessert for the tidy sum of \$25. This banquet will be bigger and better and more fun than any in HISTORY...plus you get Ade Weiss!!! Beat THAT! :)

Anyway, don't send money (yet). I WOULD, however, like to request some opinions:

Pick your TWO favorites (helping me make the menu)

Baked Virginia Ham, carved on site
Round of Beef, carved on site
Baked chicken in herb sauce
Meat lasagna
Veggie lasagna
Pepper steak
Sliced turkey w/gravy
Filet of sole in lemon butter almonidine

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 80 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* Charter member, Maryland Milliwatters * W3-VK on 3w mobile CW *
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Tue, 02 Dec 1997 13:24:40 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31751] Re: MFJ Review
Message-ID: <34847C98.576E04ED@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Harden wrote:

>
> I'm attaching some comments on the MFJ rigs I prepared a couple of
> years
> ago. I'm reposting it due to the recent inquiries about the MFJ rigs.

There are quite a lot of MFJ rigs for sale here and on USENET. The general opinion is that they are inferior to something like an OHR100 kit. Unless you HAVE to have a factory-built rig, I'd recommend the kit.

Vic K2VCO

Date: Tue, 02 Dec 1997 13:28:43 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: 10eim6294cnl@internetMCI.COM
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [31752] Re: Antenna suggestions for low power on 40 meters.
Message-ID: <34847D8B.1330F70E@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George Cortez wrote:

>
> Hi folks
> I am wondering what would be considered an efficient antenna for
> foxhunting.
> I am limited fo a dipole on 40 meters at about 50 feet.

This is an EXCELLENT antenna for foxhunting! It won't work so well directly off the ends, but it will work in all directions to some extent at that height.

If you can put up a more complicated antenna, you could improve on this, but it will certainly beat a quarter-wave vertical 90% of the time.

Vic K2VCO

Date: Tue, 02 Dec 1997 16:47:27
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [31753] More on Altiods SWL Rx
Message-ID: <3.0.1.16.19971202164727.27974a22@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy tin fans,

I reworked the pcb artwork for the SWL Radio in a tin. Found I could fit both the volume and tuning controls on the board, using 13 mm controls. This was possable since I found I really didn't need an extra audio amp stage, so that saved some room. I also found that a common 1N4001 makes a good tuning diode. I found a tiny 1.5" dia speaker only 0.2" deep. I found it in a cordless phone, but I see where Mouser sells them for about 3 bucks. Looks like that will fit in the tin also. So, the only thing that needs to be external is the battery. Maybe if we went surface mount, the battery would fit also, but not going to do that now.

Should have all the docs done by the time some SASE's show up here.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 02 Dec 1997 13:42:28 PST
From: "Randy Jouett" <rjouett@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [31754] Re: New to QRP-L;Various QRP Comments and Questions.
Message-ID: <19971202214228.1776.qmail@hotmail.com>
Content-Type: text/plain

>From wgabriel@duke-energy.com Tue Dec 2 11:01:18 1997
>Received: from dpnstr.dukepower.com by corporate.dukepower.com
> via smtpd (for mail.hotmail.com [207.82.250.83]) with SMTP; 2
Dec 1997 19:01:01 UT
>Received: from dpcmail.dukepower.com (dpcmail.dukepower.com
[162.113.64.65])
> by dpnstr.dukepower.com (8.8.8/8.8.8) with SMTP id OAA14400
> for <rjouett@hotmail.com>; Tue, 2 Dec 1997 14:00:15 -0500
>Received: by dpcmail.dukepower.com(Lotus SMTP MTA v1.1 (385.6
5-6-1997)) id 85256561.0068B023 ; Tue, 2 Dec 1997 14:03:28 -0500
>X-Lotus-FromDomain: DUKEPOWER
>From: "Watson R Gabriel Jr"<wgabriel@duke-energy.com>
>To: rjouett@hotmail.com
>Message-ID: <85256561.0067F907.00@dpcmail.dukepower.com>
>Date: Tue, 2 Dec 1997 14:00:07 -0500
>Subject: Re: New to QRP-L;Various QRP Comments and Questions.
>Mime-Version: 1.0
>Content-type: text/plain; charset=US-ASCII
>
>
>On your OHR Classic I would suggest your looking into the K8 Keyer chip
>offered by Steve Elliott, K1EL. I like it much better than the TiCK
myself.
>It is more command oriented from one pushbutton whereas on the TiCK you
>push and wait for the chip to run thru a "menu" till you get to the one
you
>want. Also Steve did a better job on the memory part too. He's got a
>webpage over on AOL. If you cannot find let me know and I will look it
up.
>Don't remember offhand. A search on "K8 Keyer" should bring up
something.
>

>For what it's worth...Watson/WB4EXW

>
>
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 02 Dec 1997 23:34:40 +0200 (EET)
From: "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
To: qrp-1@Lehigh.EDU
Subject: [31755] KC-2 transmit inhibit on a Sierra?
Message-ID: <01IQPTDTIAVQ8Y8190@vyh21.vyh.fi>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Hi gang,

The KC-2 manual has a schematic for inhibiting the TX during message recording. It's in Appendix C. It is suggested that in a Sierra the TX be inhibited by shorting the PMO input of the TX mixer U8 to ground with a special (low capacitance?) transistor.

I wondered if it would be such a bad idea to short the gate of Q8, i.e. the second keying FET for the TX driver stage with the extra transistor (any old type this time) during message recording? This particular FET Q8 provides (shaped) keying to the TX driver only, there would still be side-tone via the direct keyline, but no TX output. The advantage would be not messing with RF unnecessarily.

Has anybody else had this same bright idea ;-) and tried it out, or did I overlook something, perhaps?

I have recently mounted the KC-2 while on holiday and didn't have enough suitable wire for this mod to solder to the module, so I thought to give it a rest ... and test my idea in an alternative way, hi.

73, oh2zaz
Arjen Raateland

Finnish Environment Institute, Helsinki, Finland
SAS Support

EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax +358 9 4030 0490
.-.-. -.-

Date: Tue, 02 Dec 1997 14:11:00 PST
From: "Randy Jouett" <rjouett@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [31756] Re: New to QRP-L; Various QRP Comments and Questions.
Message-ID: <19971202221100.5745.qmail@hotmail.com>
Content-Type: text/plain

>Welcome to QRP paradise Randy!!! Ur gonna have a blast here...I have
>only been on the list a year now and it's really a great group!
>Yes...I'm interested in the NN1G rig mods. Fill me in?

Well, give me a couple of days and I'll type up the mods that Marty sent
me along with a ASCII Schematic. Really busy rite now. Shudn't even be
sitting here reading this stuff, but have to have my QRP fill. You know
-- it's a brand new world and such :). Anywho, I'll also have to give
Marty a call on the fone and make sure it's ok with him, and I'm sure
he'll want to retain Copyright and such. I'll give him a call later
tonite and fill ya' in. He mite even want to write an article on it, as
he used to write for 73 and Ham Radio Magazine.
Maybe he'll get the bug again and write something up on it.

And speaking of Ham Radio Magazine: what ever happend to it? Is it still
around? Don't see it @ Barnes and Noble (shrug). Any other mags out
there that match up to Ham Radio Mags standards, fellow ORPers'?
National Enquirering minds want to know :) :).

>72 is the secret
>signoff from QRPers to QRPers not quite 73? I'm sure others will >give
it
>more meaning for u. 72 Steve

Well, I guess the next logical, linear progression wud be 71 if you're
running QRPp...1w or less??? :).

Tnx for the reply, Steve.

71's :),
Randy (AB5NI)

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 2 Dec 1997 15:13:25 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [31757] Re: Dayton QRP Banquet Announcementcat sig/sig1!
Message-ID: <199712022213.PAA20616@usr06.primenet.com>

Howdy,

Scott (NF3I) wrote:

> Baked Virginia Ham, carved on site

Man, I figured there was a rivalry between MD and VA hams,
but isn't this just a *bit* extreme? :-) At least tell
me it'll be a linear amp jockey and not a fellow QRPer...

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What, a raw frog?!? Don't you even take the bones out?!?"

"If we took the bones out they wouldn't be crunchy, would they?"

Date: Tue, 02 Dec 1997 17:22:22 -0500 (EST)
From: n4js@pobox.com
To: qrp-1@Lehigh.EDU
Subject: [31758] NOUR Fox
Message-ID: <XFMail.971202172222.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Well, hope the skip doesn't go crazy tonight. I have the GQ40 all tuned, boxed,
labeled and pretty. Installed a TiCK 2 in it, so am going to try it out on
the Fox tonight!

I will get a picture on my web page tomorrow, I hope.

BTW, somebody cautioned me about the poly caps I replaced with silver mica. I must have lucked out, cause its been sitting here for 3 hours now, and NO detectable drift!

Sent at 17:22:22 on 02-Dec-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Tue, 02 Dec 1997 14:22:45 PST
From: "Randy Jouett" <rjouett@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [31759] Re: New to QRP-L;Various QRP Comments and Questions.
Message-ID: <19971202222246.17836.qmail@hotmail.com>
Content-Type: text/plain

>Hello Randy,

>Welcome to QRP-L!

>I would be interested in all mods and comments by Marty on the WM-20.
>I have a WM-75 and have modified it myself with the kind help of NN1G.
>Especially the AGC design was not to my liking. I also changed the
audio
>characteristics of the modulation amp. I wonder what Marty has done
>to his WM-20.

Hello, Arjen! Well, I really need to call Marty up and make sure that
it's ok to type up text and Schems and post them to QRP-L. I'm sure
he'll say ok but really want to make sure first.

>
>73, OH2ZAZ
>
>P.S. 72 is 73 exchanged by QRP stations.

Ok. Sounds good to me. 72's :)
Randy AB5NI

Get Your Private, Free Email at <http://www.hotmail.com>

End of QRP-L Digest 927

